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Moneypoint RePowering

Open Cycle Gas Turbines (OCGT1 & OCGT2)

Pre-application Consultation: An Coimisiún
Pleanála Ref. 323736, and 323737

11 February 2026

Moneypoint RePowering OCGTs

Introduction - Meeting Details and Agenda

Date: 11th February 2026

Time: 11am

Attendees:

- Daniel Hogan (ESB)
- Brian Courtney (ESB)
- John McCoombe (ESB)
- Niall O’Boyle (ESB)
- Phil Bennett (ESB)
- Heather McMeel (ESB)
- Niamh Roche (Mott MacDonald)
- Gráinne Reid (Mott MacDonald)
- Aastha Sethi (Mott MacDonald)

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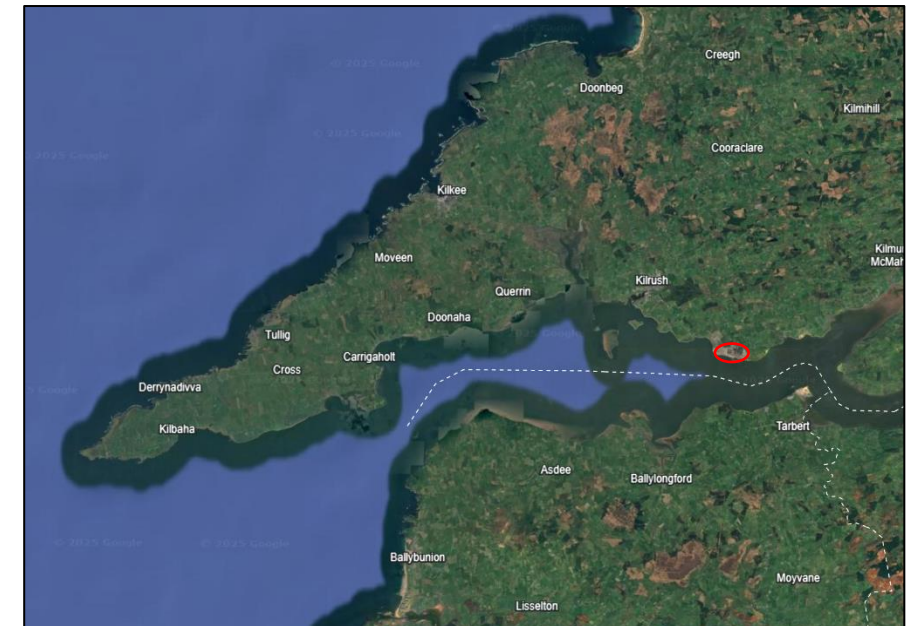
Proposed Development: Need

- **Strategic Role:** Moneypoint is a strategically important part of Ireland's energy generation network
- **Vision Alignment:** RePowering Project supports the vision of the **Green Atlantic @ Moneypoint Concept Strategy 2025** (which has been subject to SEA), ensuring the site acts as a dispatchable thermal generation hub to safeguard energy security as renewable capacity grows
- **Project Components:**
 - OCGT 1 (western development) – SID to ACP
 - OCGT 2 (eastern development) – SID to ACP

Note: Long Duration Energy Storage (LDES) – Sect.34 to Clare County Council



Proposed Development: Location



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Proposed Development: Overview

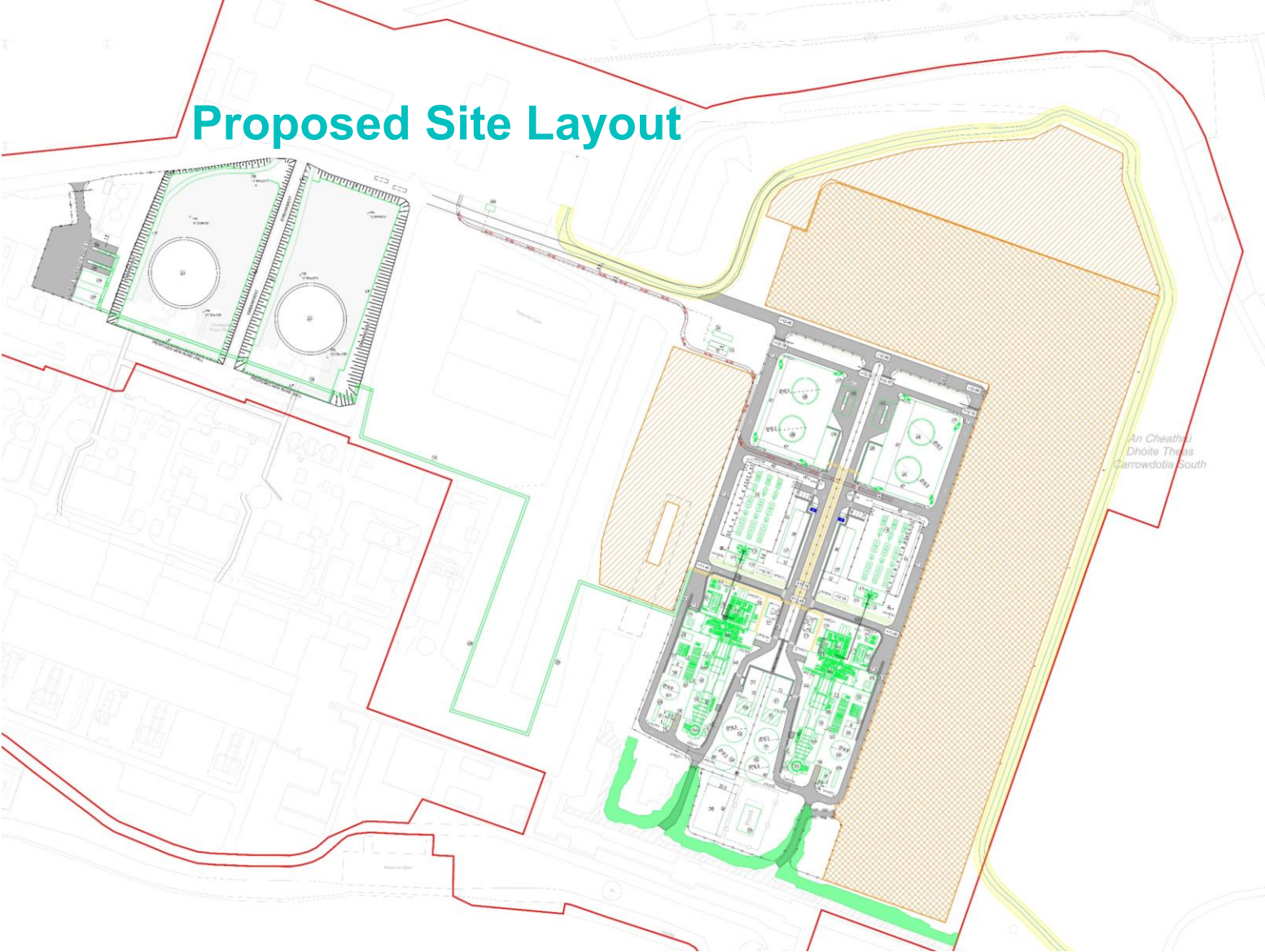
- Construction and installation of **2no. separate Open Cycle Gas Turbines** generating unit – electrical output of up to **350 MWe each**.
- Connection to the National Grid **via the existing Moneypoint High Voltage Substation**.
- **Renewable diesel** to be primary fuel: for example Hydrogenated Vegetable Oil (HVO), with gas oil (i.e. distillate oil) being the secondary fuel (required for emergencies), brought to site as/when required.
- **All associated works** to facilitate the development (e.g. temporary construction compound, perimeter fencing, blast and baffle walls, above-ground pipe racks, underground cables, a new lighting arrangement, lightning and telecommunication masts, parking and surface water drainage network).
- **Non-continuous** - Available to be operated 24hrs/day, 7days/week; in response to the requirements for power from the electricity grid.
- Located within the previous coal storage area to the east of the station site.

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Description of Development (each proposed OCGT)

- 1no. Open-Cycle Gas Turbine with a proposed capacity of c. 350MW, and the following associated infrastructure:
 - Demineralisation Water plant
 - Demineralised and raw water storage tanks
 - Generator step up & auxiliary transformers
 - High-Voltage underground grid cable
 - High-Voltage electrical compound
 - Generator
 - Gas turbine
 - Emergency diesel generator.
 - Post-combustion abatement system (Original Equipment Manufacturer [OEM] dependant)
 - Emissions stack
 - Fuel transfer pipework
 - Administration / workshop and stores building
 - Fire Protection equipment, hydrants, water retention and drainage systems
 - 2No Fuel oil tank and auxiliary for the OCGT
 - Air Insulated Switchgear

Moneypoint RePowering OCGTs



Proposed Site Layout

NUMBER	DESCRIPTION
01	GAS TURBINE AIR FILTER HOUSE
02	GENERATOR BUILDING
03	GAS TURBINE ENCLOSURE
04	POST COMBUSTION EMISSIONS ABATEMENT ENCLOSURE (SUBJECT TO DESIGN FLEXIBILITY APPLICATION)
05	STACK
06	GAS TURBINE (LOCATED WITHIN GAS TURBINE ENCLOSURE)
07	GENERATOR (LOCATED WITHIN GENERATOR BUILDING)
08	BYPASS DAMPER (LOCATED WITHIN POST COMBUSTION EMISSIONS ABATEMENT ENCLOSURE)
09	SELECTIVE CATALYTIC REDUCTION (SCR) SKID (LOCATED WITHIN POST COMBUSTION EMISSIONS ABATEMENT ENCLOSURE)
10	POWER CONTROL MODULE
11	GENERATOR STEP-UP TRANSFORMER
12	UNIT AUXILIARY TRANSFORMER
13	TRANSFORMER BUND / FIRE WALL
14	GT / BOP AUXILIARY TRANSFORMERS
15	GENERATOR CIRCUIT BREAKER
16	SCR AIR INTAKE / DILUTION FAN (LOCATED WITHIN POST COMBUSTION EMISSIONS ABATEMENT ENCLOSURE)
17	IGNITION GAS COMPOUND AND TANK
18	AIR INSULATED SWITCHGEAR (AIS) COMPOUND
19	AMMONIUM HYDROXIDE TANK (50,000L) AND BUND
20	GAS TURBINE LUBE OIL FIN FAN COOLERS
21	GENERATOR LUBE OIL FIN FAN COOLERS
22	EMERGENCY DIESEL GENERATOR
23	BOP COMPRESSED AIR SKID
24	PEC / MODULAR CONTROL AND PROTECTION BUILDING
25	EXISTING FUEL OIL TANK TO BE RE-USED
26	FUEL OIL TANK WITH CONCENTRIC STAIRWAYS FOR TANK ROOF ACCESS
27	FUEL OIL TANK BUND
28	LIQUID FUEL FORWARDING AND TREATMENT SYSTEM
29	LIQUID FUEL OIL PIPE RACK
30	FUEL OIL TANKER UNLOADING BAY
31	DEMINERALISED WATER TREATMENT PLANT
32	DEMINERALISED WATER TANK (3823m³)
33	WATER TREATMENT PLANT SUMP
34	TOWNS WATER / FIRE WATER TANK (2044m³)
35	INDICATIVE FIREWATER RETENTION TANK
36	FIRE FIGHTING PUMPHOUSE
37	ADMIN BLOCK / WORKSHOP / STORES BUILDING
38	AMMONIUM HYDROXIDE TANK UNLOADING BAY
39	EXISTING COAL YARD SETTLEMENT POND TO BE RE-USED
40	INTERFACE KIOSK
41	CONTINUOUS EMISSION MONITORING SYSTEM (CEMS) SKID
42	IPB RACK

LEGEND	
	APPLICATION BOUNDARY
	EXISTING ACCESS ROAD
	EXISTING WAYLEAVE
	GROUND LEVEL CHANGE
	CONTRACTOR'S LAYDOWN
	TEMPORARY CONTRACTOR'S LAYDOWN
	PROPOSED ROAD
	PROPOSED FOOTPATH
	PROPOSED LEVEL CHANGE
	2m WIDE SERVICE CORRIDOR
	PERIMETER FENCE LINE
	HIGH VOLTAGE COMPOUND FENCELINE
	LIGHTING/CCTV POLE
	LIGHTNING MONOPOLE
	HIGH VOLTAGE GRID CONNECTION CABLE
	CONTROL INSTRUMENTATION & PROTECTION CABLING ROUTE
	UNDERGROUND CABLE JOINT
	220KV GRID CONNECTION OPTION

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Policy Context

Policy Document	Relevant Text and Objectives
Energy Roadmap 2050	The Energy Roadmap highlights that while the energy system in Europe needs to adapt to respond to the climate emergency and the wider global economy, security of supply in the transitional period, including the need for additional infrastructure, will be vital to ensure energy targets for 2050 can be achieved.
National Planning Framework- First Revision	• National Policy Objective 66 - The planning system will be responsive to our national environmental challenges • National Policy Objective 70 - Promote renewable energy use and generation...to meet ambitions for a climate neutral economy • National Policy Objective 73 – Co-location of renewable technologies
National Development Plan (including 2025 Review)	Strategic Investment Priorities – Energy • <i>Supports the decarbonisation of electricity supplies</i> Strategic Investment Priorities – Research • <i>Energy research funding to accelerate diversification away from fossil fuels to green energy, including wind, wave, solar, biomass, biofuels, biogas and hydrogen</i>
Climate Action Plan	CAP23 set a target for electricity system demand flexibility of 15-20% by 2025 and 20-30% by 2030 Measures to meet emissions reductions and target of 80% of electricity demand is met by renewables: • <i>Accelerate and increase the deployment of renewable energy to replace fossil fuels</i> • <i>Deliver a flexible system to support renewables and demand</i>
Clare County Development Plan 2023-2029	It is noted within the CCDP that Moneypoint is a significant driver in the local economy and Clare County Council supports the “on-going diversification and expansion of the site”. • CDP12.6 - To support the redevelopment of the Moneypoint power generation station site as a green energy hub and the development of the Shannon Estuary as a focal point for the offshore wind industry in Europe

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Proposed Development: Environmental/ Ecological

- An Environmental Impact Assessment Report (EIAR) will be submitted as part of the planning application, taking into account the following topics:

Population and Human Health
Air Quality
Climate
Noise and Vibration
Biodiversity
Surface Water Resources and Flooding
Land, Soil, Geology and Hydrogeology
Architecture, Archaeology and Cultural Heritage
The Landscape
Traffic and Transport
Material Assets and Waste Management
Major Accidents and Disasters
- A Construction Environmental Management Plan, Traffic Management Plan and Resource and Waste Management Plan will also be prepared.
- The Proposed Development will be subject to Screening for Appropriate Assessment (AA). No works are proposed within the Lower River Shannon SAC and River Shannon and River Fergus Estuaries SPA.

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Next Steps and Timeline

- Anticipated lodgement of **OCGT 1** to ACP: Early Q2 2026
- Anticipated lodgement of **OCGT 2** to ACP: Late Q2/Q3 2026
- Anticipated lodgement of **LDES** to Clare County Council: Q3 2026

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**Any
Questions?**

Thank You